

Title (en)

Diagnostic test strip for collecting and detecting an analyte in a fluid sample and method for using same

Title (de)

Diagnostischer Teststreifen zum Sammeln und Bestimmen eines Analyts in einer fluiden Probe und Verfahren zur Verwendung desselben

Title (fr)

Band de test diagnostique pour recueillir et déterminer une analyte d'un échantillon fluide et méthode d'utilisation

Publication

EP 1486766 B1 20100728 (EN)

Application

EP 04012424 A 20040526

Priority

US 47372003 P 20030529

Abstract (en)

[origin: EP1486766A1] A test strip for use of the determination of an analyte in a fluid sample according to one embodiment of the present invention is disclosed. The test strip comprises a base having a top and a bottom, a collection chamber that extends between the top and the bottom of the base, a containing ring that is disposed on the bottom of the base and surrounds the collection chamber, and a capillary channel formed in top of the base that has an inlet fluidly coupled to the collection chamber, a test element disposed within the capillary channel. A lid is attached to the top of the base and covers the collection chamber, the test membrane, and at least a portion of the capillary channel. <IMAGE>

IPC 8 full level

G01N 1/00 (2006.01); **G01N 33/66** (2006.01); **A61B 5/00** (2006.01); **A61B 5/145** (2006.01); **A61B 5/15** (2006.01); **A61B 5/151** (2006.01); **A61B 5/157** (2006.01); **G01N 27/28** (2006.01); **G01N 27/416** (2006.01); **G01N 33/487** (2006.01)

CPC (source: EP US)

A61B 5/14532 (2013.01 - EP US); **A61B 5/1468** (2013.01 - EP US); **A61B 5/150022** (2013.01 - EP US); **A61B 5/150099** (2013.01 - EP US); **A61B 5/150213** (2013.01 - EP US); **A61B 5/150358** (2013.01 - EP US); **A61B 5/150412** (2013.01 - EP US); **A61B 5/15113** (2013.01 - EP US); **A61B 5/15117** (2013.01 - EP US); **A61B 5/1519** (2013.01 - EP US); **A61B 5/15192** (2013.01 - EP US); **A61B 5/157** (2013.01 - EP US); **A61B 5/417** (2013.01 - EP US); **A61B 2562/0295** (2013.01 - EP US); **Y10T 436/25** (2015.01 - EP US); **Y10T 436/2575** (2015.01 - EP US)

Cited by

US9636051B2; EP3928698A1; WO2006005483A1; WO2021260242A1; WO2012170348A1; WO2015020609A1; US7588724B2; US7749770B2; US2014316301A1; US10433780B2; US2020237280A1; US11986298B2; US8252248B2; US10330667B2; US9820684B2; WO2007041062A3; US9795334B2; US9907502B2; US11399744B2; US10226208B2; US11419532B2; US7674615B2; US7771655B2; US8574919B2; US9724021B2; US9839386B2; US10383556B2; US11986293B2; US9839384B2; US10441205B2; US10729386B2; US10842427B2; US9795747B2; US9802007B2; US9833183B2; US9897610B2; US11002743B2; US11045125B2; US11933789B2; US9694144B2; US9782114B2; US9937298B2; US10034628B2; US10772550B2; US11051734B2; US11382544B2; US11672452B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1486766 A1 20041215; EP 1486766 B1 20100728; AT E475876 T1 20100815; AU 2004202085 A1 20041216; CA 2468290 A1 20041129; CN 1573331 A 20050202; DE 602004028312 D1 20100909; JP 2004354387 A 20041216; JP 4422551 B2 20100224; US 2005136501 A1 20050623; US 2008220461 A1 20080911; US 7374949 B2 20080520; US 7678580 B2 20100316

DOCDB simple family (application)

EP 04012424 A 20040526; AT 04012424 T 20040526; AU 2004202085 A 20040517; CA 2468290 A 20040525; CN 200410059592 A 20040528; DE 602004028312 T 20040526; JP 2004158598 A 20040528; US 14824808 A 20080417; US 84167204 A 20040510